

ABSTRACT OF THE DISCLOSURE

An inkjet recording head for ejecting ink, having a plurality of piezoelectric sidewalls to form a plurality of ink channels; a piezoelectric bottom plate; and a plurality of electrodes. All of the ink channels are divided into two or more groups of ink channels composed of ink channels between which at least one ink channel is sandwiched;

wherein an ink ejection operation is performed successively in a time-sharing mode for each of the group of ink channels, while satisfying the condition of $|CTC + CTE| \leq 10\%$; where a crosstalk between ink channels in one group due to a compliance ratio of the sidewalls to the ink in the ink channel is CTC; and a crosstalk between ink channels in one group due to a leak of electric field caused by electric voltage applied to the electrodes is CTE.